



2002. PCT/IL02/00904 claims priority from U.S. Patent Application No. 10/201,605, filed July 24, 2002, which is a CIP of U.S. Patent Application No. 09/993,398, filed November 26, 2001, which is a CIP of U.S. Patent Application No. 09/907,923, filed July 18, 2001, which is a CIP of U.S. Patent Application No. 09/785,439, filed February 20, 2001, which is a CIP of U.S. Patent Application No. 09/732,938, filed December 11, 2000. This Application also claims the benefit of priority from U.S. Patent Application No. 09/718,407, filed November 24, 2000."

Kindly issue a corrected filing receipt.

Respectfully submitted,

Martin Moynihan

Martin Moynihan
Registration No. 40,338

Date: September 29, 2005



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APPLICATION FOR PATENT

Inventors: Erez Levanon, Jeanne Bernstein, Sarah Pollock, Alex Diber,
Zurit Levine, Sergey Nemzer, Vladimir Grebinsky, Hanqing Xie,
5 Brian Meloon, Andrew Olson, Dvir Dahary, Yossi Cohen, Avi
Shoshan, Shira Walach, Alon Wasserman, Rami Khosravi and
Galit Rotman

Title: METHODS AND SYSTEMS FOR IDENTIFYING
10 NATURALLY OCCURRING ANTISENSE TRANSCRIPTS
AND METHODS, KITS AND ARRAYS UTILIZING SAME

This is a continuation-in-part of U.S. Pat. Application No. 10/441,281, filed 20
May, 2003, which claims priority from PCT Patent Application No. IL02/00904, filed
15 November 11, 2002, which claims priority from U.S. Patent Application No.
10/201,605, filed July 24, 2002, which is a continuation-in-part of U.S. Patent
Application No. 09/993,398, filed November 26, 2001, which is a continuation-in-part
of U.S. Patent Application No. 09/907,923, filed July 18, 2001, which is a
continuation-in-part of U.S. Patent Application No. 09/785,439, filed February 20,
20 2001, which is a continuation-in-part of U.S. Patent Application No. 09/732,938, filed
December 11, 2000. This Application also claims the benefit of priority from U.S.
Patent Application No. 09/718,407, filed November 24, 2000.

BACKGROUND AND FIELD OF THE INVENTION

25 The present invention relates to the field of naturally occurring, antisense
transcripts. More particularly, the present invention relates to methods of identifying
naturally occurring antisense transcripts, databases storing polynucleotide sequences
encoding identified naturally occurring antisense transcripts, oligonucleotides derived
therefrom and methods and kits utilizing same.

30 Naturally occurring antisense RNA transcripts are endogenous transcripts,
which exhibit complementarity to sense transcripts of which are typically of a known
function. It has been established that these endogenous antisense transcripts play an
important role in regulating prokaryotic gene expression and are increasingly
implicated as involved in eukaryotic gene regulation.

35 *Cis*-encoded antisense transcripts are encoded by the same locus as the sense
transcripts and are transcribed from strand of DNA opposite to that encoding the sense
transcript; as such, *cis* encoded antisense transcripts are typically completely
complementary with a portion of the sense transcript. *Trans*-encoded antisense
transcripts are by contrast, transcripts, which are encoded on a different locus and as
40 such, may display only partial complementarity with a sense transcript.



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December 11, 2000. This Application also claims the benefit of priority from U.S. Patent Application No. 09/718,407, filed November 24, 2000. ”



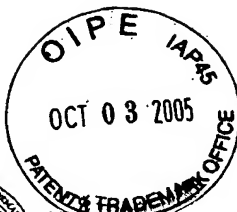
A copy of the first page of the application setting forth the above is attached hereto.

Kindly issue a corrected filing receipt.

Respectfully submitted,

Sol Sheinbein
Registration No. 25,457

Date: October 21, 2004



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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/764,503	01/27/2004	1635	0.00	26946	48	131	21

G.E. EHRLICH (1995) LTD.
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ARLINGTON, VA 22202

CONFIRMATION NO. 9267

FILING RECEIPT



OC000000012660628

Date Mailed: 05/14/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

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Domestic Priority data as claimed by applicant

This application is a CIP of 10/441,281 05/20/2003

Foreign Applications

If Required, Foreign Filing License Granted: 03/26/2004

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

Methods and systems for identifying naturally occurring antisense transcripts and methods, kits and arrays utilizing same

Preliminary Class

514

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

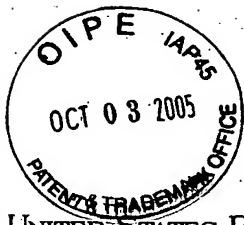
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APPLICATION NUMBER	FILING OR 371(c) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
10/764,503	01/27/2004	Erez Levanon	26946

G.E. EHRLICH (1995) LTD.
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CONFIRMATION NO. 9267



OC000000014269601

Date Mailed: 11/03/2004

RESPONSE TO REQUEST FOR CORRECTED FILING RECEIPT

Domestic Continuity and Foreign Priority

In response to your request for a corrected Filing Receipt, the Office is unable to comply with the request because:

- ☐ The priority or continuity claim has not been entered because it was not filed during the required time period. Applicant may wish to consider filing a petition to accept an unintentionally delayed claim for priority. See 37 CFR 1.55 or 1.78.
- ☒ Continuity claimed under 35 U.S.C. § 120 cannot be added to the Filing Receipt without the applicant supplying the relationship (continuation, divisional, or continuation-in-part) in an Application Data Sheet or amendment to the first page of the specification. *PCT/IL 02/00904, 10/201605*
- ☐ A claim for priority cannot be made based on an application filed after the application making the claim.
- ☐ Domestic benefit and foreign priority claims will not be captured in a provisional application. A provisional application is not entitled to a right of priority or to the benefit of an earlier filing date of any other application. See 35 U.S.C. § 111(b)(7) and 37 CFR 1.53(c)(4).
- ☐ A domestic continuity claim cannot be made to a foreign application and the filing receipt will only list the foreign country, application number, and filing date.
- ☐ Foreign priority will appear on the Filing Receipt in the following order: **Country, Application number, Filing date.**
- ☐ This application is the result of a conversion from a provisional application. Priority based on such application cannot be made since it no longer exists as a provisional application.
- ☐ The application(s) to which priority is claimed were filed over a year prior to the filing date of this

application. Therefore, the referenced application(s) cannot be claimed as domestic or foreign priority.

- ☐ To change the benefit claim of a U.S. prior-filed application, applicant must amend the first sentence of the specification (if the benefit claim is referenced in the specification), or provide a supplemental application data sheet (ADS) (if the benefit claim was submitted in an ADS), with the desired benefit claim. Note that once a benefit claim is deleted, applicant will not be able to claim such prior-filed application again, if the above-identified application was filed on or after November 29, 2000.
- ☐ To change a foreign priority claim, applicant must submit a supplemental oath or declaration (if the priority claim is referenced in the oath or declaration), or a supplemental application data sheet (ADS) (if the priority claim was submitted in an ADS), with the desired priority claim. If a supplemental ADS is submitted, any deletions should be shown with strikeouts. Note that once a priority claim is deleted, applicant will not be able to claim such foreign application again, if the above-identified application was filed on or after November 29, 2000.


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